WHAT IS CLAIMED IS:

1. A table assembly, comprising:

a lift assembly;

a drive assembly disposed on said lift assembly and vertically movable with said lift assembly, said drive assembly including a driven element that is movable longitudinally;

a stack support assembly disposed on said lift assembly and vertically movable with said lift assembly, said stack support assembly comprising a fixed member and a movable member; and,

a frame that interconnects said movable member with said drive assembly so as to cause said movable member to move with said driven element, whereby said movable member is selectively extended from said fixed member by operation of said drive assembly.

2. The table assembly according to claim 1, further comprising a part support beam assembly, said part support beam assembly including a fixed portion that is secured to said movable member and a movable portion that is movably secured to said fixed portion.

3. The table assembly according to claim 1, further comprising a finger assembly, said finger assembly including a finger member that is disposed on a distal

end of said movable member and operable to move between a first orientation and a second orientation.

4. The table assembly according to claim 3, wherein said first orientation is generally horizontal and said second orientation is generally vertical.

5. The table assembly according to claim 1, further comprising:

a lift controller that is operable to raise and lower said lift assembly; and,

a drive controller that is operable to activate said drive assembly.

6. The table assembly according to claim 5, further comprising a finger assembly, said finger assembly including a finger member that is disposed on a distal end of said movable member and operable to move between a first orientation and a second orientation.

7. The table assembly according to claim 6, wherein said first orientation is generally horizontal and said second orientation is generally vertical.

8. The table assembly according to claim 7, further comprising a finger member controller that is operable to move said finger assembly between said first and second orientations.

9. The table assembly according to claim 8, further comprising a part support beam assembly, said part support beam assembly including a fixed portion that is secured to said movable member and a movable portion that is movably secured to said fixed portion.

10. A table assembly, comprising:

a lift assembly;

a lift assembly controller that is operable to move said lift assembly vertically;

a drive assembly disposed on said lift assembly and vertically movable with said lift assembly, said drive assembly including a driven element that is movable longitudinally;

a stack support assembly disposed on said lift assembly and vertically movable with said lift assembly, said stack support assembly comprising a fixed member and a movable member;

a frame that interconnects said movable member with said drive assembly so as to cause said movable member to move with said driven element;

a drive assembly controller that is operable to move said driven element and said movable member longitudinally so as to selectively extend said movable member from said fixed member.

11. The table assembly according to claim 10, further comprising:

a finger assembly, said finger assembly including a finger member that is disposed on a distal end of said movable member and operable to move between a first orientation and a second orientation; and,

a finger member controller that is operable to move said finger assembly between said first and second orientations.

12. The table assembly according to claim 11, wherein said first orientation is generally horizontal and said second orientation is generally vertical.

13. The table assembly according to claim 10, further comprising a part support beam assembly, said part support beam assembly including a fixed portion that is secured to said movable member and a movable portion that is movably secured to said fixed portion.

14. A method for positioning a rework part, which is contained within a stack of parts, for repair on a table assembly, the stack of parts being one of a plurality of stacks of parts disposed upon a cart, comprising the steps of:

positioning the cart adjacent the table assembly;

lifting said table assembly to place a stack support assembly of said table assembly in a vertical position immediately beneath the one stack of parts;

driving a movable member of said stack support assembly horizontally in a first direction so that said movable member extends transverse and beneath said one stack of parts;

further lifting said table assembly so as to engage said stack support assembly with said one stack of parts and thereby lifting said one stack of parts; and,

driving said movable member of said stack support assembly horizontally in a second, opposite direction so as to withdraw said movable member and said one stack of parts from said cart.

15. The method according to claim 14, comprising the further steps of:

longitudinally extending a movable portion of a part support beam assembly; and,

placing at least one part of said one stack of parts on said movable portion so as to access said rework part within said one stack of parts for repair thereof.

16. The method according to claim 15, comprising the further step of:

prior to driving said movable member in said second direction, moving a finger assembly, which is disposed on a distal end of said movable member, into a vertical orientation to prevent said one stack from sliding off of said movable member.

17. The method according to claim 16, comprising the further step of:

adjusting a vertical position of said lift assembly so as to place said rework part in a convenient location for repair thereof.